

Title (en)

A joint between a sound suppressor and a barrel of a firearm

Title (de)

Verbindung zwischen einem Schalldämpfer und dem Lauf einer Feuerwaffe

Title (fr)

Joint entre un silencieux et le canon d'une arme à feu

Publication

EP 2037204 A1 20090318 (EN)

Application

EP 07116152 A 20070911

Priority

EP 07116152 A 20070911

Abstract (en)

A joint (1) between a suppressor (3) and a barrel (2) of a firearm, comprises a substantially cylindrical adapter (6) defining an axis, said adapter has a rear end part (5) for coaxially securing to the muzzle (4) of the barrel (2) and a forward end part (7) for receiving the suppressor, a through bore (8) formed in the adapter (6) in line with the bore in the barrel (2), and a connection element (13) arranged at the rear end part of the suppressor and fitting the forward end part of the adapter (6). The connection element has a disc-shaped forward end part (14) and a tubular rear end part (15). The rear tubular end part (15) of the connection element (13) coaxially fits around the forward end part (7) of the adapter (6), and a through bore (16) is formed in the disc-shaped forward end part of the connection element coaxially with the tubular rear end part (15). A tube section (18) is coaxially attached to the connection element (13) by means of a forward end part (19) and is in contact with the forward end part (7) of the adapter (6) with a rear end part (20) when the suppressor is mounted on the barrel. The joint provides for improved gas sealing and aligning of suppressor and barrel.

IPC 8 full level

F41A 21/30 (2006.01); **F41A 21/32** (2006.01)

CPC (source: EP US)

F41A 21/30 (2013.01 - EP US); **F41A 21/325** (2013.01 - EP US)

Citation (search report)

- [A] DE 19935929 C1 20010215 - HECKLER & KOCH GMBH [DE]
- [A] US 1354416 A 19200928 - STACY OLIVER
- [A] CZ 3358 U1 19950530 - PLANKA BOHUMIL ING [CZ]

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Designated contracting state (EPC)

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